

ABSTRACT OF THE DISCLOSURE

An array of speakers are fed from a single source of audio frequency sound but each speaker transmits the sound delayed by an amount which is determined by the distance between a particular speaker and a selected region in space, so that sound from each speaker constructively adds at the selected region in space. A sufficiently large number of speakers are employed so that when sound reaches a region in space at the same moment in time the audio volume will be increased substantially over sound in regions where there is not constructive interference. This simple technique allows audio frequency sound to be heard in only selected regions within the room or other auditory space. Multiple regions with multiple soundtracks can be created by simultaneously playing variously delayed soundtracks over each of the speakers in the array.